Supplemental Form PTO-1449 (Modified)

Department of Commerce
Patent and Trademark Office

Serial No. 09/830,811

Applicant

MacCaiman

Filing Date
Aug. 30, 2001

Group 1645 1635

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

|                       |                    | U.S. PAT      | TENT DOCUMENTS |       |           |                                  |
|-----------------------|--------------------|---------------|----------------|-------|-----------|----------------------------------|
| *Examiner<br>Initials | Document<br>Number | Issue<br>Date | Name           | Class | Subclass  | Filing Date<br>If<br>Appropriate |
|                       | 1                  | 3             |                | RE    |           | ED                               |
|                       |                    |               |                | M     | AR 2 6 20 | D2                               |

## TECH CENTER 1600/2900

|                    |    | F                  | OREIGN PA           | TENT DOCUM | 1ENTS |          |      |          |
|--------------------|----|--------------------|---------------------|------------|-------|----------|------|----------|
|                    |    |                    |                     |            |       |          | Trai | nslation |
| *Examiner Initials |    | Document<br>Number | Publication<br>Date | Country    | Class | Subclass | Yes  | No       |
| ar                 | B2 | WO 98/49560        | 11/05/98            | WIPO       |       |          |      |          |

|   |     | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |
|---|-----|---|
| M | C22 | Griffiths et al., "Cell adhesion molecules in bladder cancer: soluble serum E-cadherin correlates with predictors of recurrence", British Journal of Cancer, 74(4):579-584 (1996) |
| K | C23 | MacCalman et al., "Transduction of Human Trophoblast Cells by Recombinant Adenoviruses is Differentiation Dependent", Biology of Reproduction, 54:682-691 (1996)                  |
|   |     |   |
|   |     |   |

|          | · · · · · · · · · · · · · · · · · · · |       | <del></del> |
|----------|---------------------------------------|-------|-------------|
| EXAMINER | DATE CONSIDERED                       | 1     |             |
|          | 11                                    | 12/03 |             |
|          |                                       | , ,   | ·           |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|                       |    |                    | U.S. PA       | TENT DOCUMENTS | S     |          |                            |
|-----------------------|----|--------------------|---------------|----------------|-------|----------|----------------------------|
| *Examiner<br>Initials |    | Document<br>Number | Issue<br>Date | Name           | Class | Subclass | Filing Date If Appropriate |
| D47                   | A1 | 5,646,250          | 7/8/97        | Suzuki         | 530   | 350      | 11/1/94                    |
| r^                    | A2 | 5.597.725          | 1/28/97       | Suzuki         | 435   | 328      | 1/26/94                    |

|                       |    | F                  | OREIGN PAT          | TENT DOCU | MENTS |          |      |          |
|-----------------------|----|--------------------|---------------------|-----------|-------|----------|------|----------|
|                       |    |                    |                     |           | ·     |          | Trai | nslation |
| *Examiner<br>Initials |    | Document<br>Number | Publication<br>Date | Country   | Class | Subclass | Yes  | No       |
| W                     | B1 | WO 00/26236        | 5/11/00             |           | G01N  | 33/574   |      |          |

|     |    | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)   |
|-----|----|--|
| · M | C1 | Bussemakers et al., "Molecular cloning and characterization of the human E-cadherin cDNA", Molecular Biology Reports 17: 123-128 (1993).   |
| a   | C2 | Bussemakers et al., "De novo expression of osteoblast (OB)- cadherin /11 in prostate cancer", J. Urology 155(5): Suppl. p. 351A (1996).  |
| W   | C3 | Bussemakers et al., "Mesenchymal cadherins in prostate cancer development", Eur. Urology 34(3): 263 (1998).  |
| N   | C4 | Cartun and Pederson, "An Immunocytochemical Technique Offering increased Sensitivity and Lowered Cost with a Streptavidin-Horseradish Peroxidase Conjugate", <i>The Journal of Histotechnology</i> , 12:273-280 (1989).  |
| W   | C5 | Chen et al. "Antisteroidal compounds and steroid withdrawal down-regulate cadherin - 11 mRNA and protein expression levels in human endometrial stromal cells undergoing decideualisation in vitro", <i>Mol. Reproduction and Development</i> , 53(4): 384-393 (1999). |

| EXAMINER  | DATE CONSIDERED  |
|---|--|
|   | 11/12/03   |
| *EVAMINED Tritial if reference considered, whether or not cir | etion is in conformance with MDCD 600. Drow line through |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 2 of 3 U.S. Department of Commerce Patent and Trademark Office Form PTO-1449 (Modified) Serial No. Atty. Docket No. 27866/37317 09/830,811 Applicant MacCalman **ÜRE STATEMENT** Filing Date Group Aug. 30, 2001 (Use several sheets if necessary)

|    |     | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)   |
|----|-----|--|
| Om | C6  | Chomczynski and Sachhi, "Single-Step Method of RNA isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction", Anal. Biochem. 162: 156-159 (1987).  |
| Gn | C7  | Getsios et al., "Regulated Expression of Cadherin-6 and Cadherin-11 in the Glandular Epithelial and Stromal Cells of the Human Endometrium", Developmental Dynamics 211: 238-247 (1998).                           |
| M  | C6  | Gleason, P. "Histologic Grading and Clinical Staging of Prostatic Carcinoma", M. Tannenbaum, M. (Ed), <i>Evaluation of Prostatic Disease</i> , Lee & Folger, Phil. Penn, USA, p. 171-197.                          |
| 27 | С9  | Laemmli, U.K., "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4", Nature 227: 680-685 (1970).  |
| gr | C10 | MacCalman et al., "Noncoordinate Developmental Regulation of N-Cadherin, N-CAM, Integrin and Fibronectin mRNA Levels During Myoblast Terminal Differentiation", <i>Developmental Dynamics</i> 195: 127-132 (1992). |
| R  | C11 | MacCalman et al., "Regulated Expression of Cadherin-11 in Human Epithelial Cells: A Role for Cadherin-11 in Trophoblast-Endometrium Interactions?",<br>Developmental Dynamics 206: 201-211 (1996).                 |
| F  | C12 | MacCalman et al., "Novel Cell Adhesion Molecules: Roles in Implantation?", The Endometerium as a Taret for Contraception, Beier et al., eds, Springer-Verlag, Berlin p. 137-157 (1996).                            |
| W  | C13 | Oka et al., "Expression of E-cadherin Cell Molecules in Human Breast Cancer Tissues and its Relationship to Metastasis", Cancer Res. 5: 1696-1701 (1993).  |
| N  | C14 | Shibata et al., "Simultaneous Expression of Cadherin-11 in Signet-Ring Cell Carcinoma and Stromal Cells of Diffuse-Type Gastric Cancer", Cancer Letters 999:147-153 (1996).  |
| ar | C15 | Shimazui et al., "Complex cadherin expression in renal cell carcinoma", Cancer Res. 56(14): 3234-3237 (1996).  |
| N  | C16 | Shimoyama et al., "Cadherin Cell-Adhesion Molecules in Human Epithelian Tissues and Carcinomas", Cancer Res. 49: 2128-2133 (1989).   |

| EXAMINER  | DATE COMSIDERED   |
|---|---|
| EXAMINER: Initial if reference considered, whether or not cital | tion is in conformance with MPEP 609: Draw line through |

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|     | _   | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)   |
|-----|-----|--|
| M . | C17 | Takeichi, M. "Cadherins in Cancer: Implications for Invasion and Metastasis",<br>Current Opinion in Cell Biology 5: 806-811 (1993).  |
| W.  | C18 | Takeichi, M. "Morphogenetic Roles of Classical Cadherins", Curr. Opin. Cell. Biol. 7: 619-627 (1995).  |
| Ŋ   | C19 | Tanihara et al., "Cloning of Five Human Cadherins Clarifies Characteristic Features of Cadherin Extracelluar Domain and Provides Further Evidence for Two Structurally Different Types of Cadherin", Cell Adhes. Commun. 2:15-26 (1994). |
| AV  | C20 | Towbin et al., "Electrophoretic transfer of proteins from polyacrylamide gels to nitrocellulose sheets: Procedure and some applications", P.N.A.S. 76:4350-4354 (1979).  |
| W   | C21 | Umbas et al., "Expression of Cellular Adhesion Molecule E-cadherin is Reduced or Absent in High Grade Tumors" Cancer Res. 52: 5104-5109 (1992).  |

EXAMINER DATE CONSIDERED

| 1 | | 2 | 0 3

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.